

Date: Sat, 27 Aug 94 04:30:12 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V94 #305  
To: Ham-Equip

Ham-Equip Digest                      Sat, 27 Aug 94                      Volume 94 : Issue    305

Today's Topics:

    Cross Band Repeat Mode on FT-5200 Audio Connection  
        Dual Band 2m/70cm radios  
        FT5200 and 9600 Baud  
    HTX-202 Low Batt Voltage Cut-out?  
        ic-w2a  
    JOSLYN SURGE ARRESTER ADDRESS  
        Kenwood TH-79 ...  
        Kenwood TM 702 mods please  
    Radio Direction Finder wanted for 2-meter  
        SURGE SURPRESSOR  
    Tranverting 2-Meter FM to other bands  
    Uniden BC200XLT vs Radio Shack PRO-52  
        Wanted: Amateur VHF/UHF radio  
        Wanted to Swap  
    Yaesu FT-530 vs Icom W21AT - opinions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----

Date: 25 Aug 1994 17:29:09 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!paladin.american.edu!  
europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!nic-nac.CSU.net!  
charnel.ecst.csuchico.edu!psgrain!@@ihnp4.ucsd.edu  
Subject: Cross Band Repeat Mode on FT-5200 Audio Connection  
To: ham-equip@ucsd.edu

I have an unmodified FT-5200. It is able to operate in the cross band

mode by holding down the RPT button while turning on the power.

The audio seems to be coupled from one band to the other by placing the mic near the speaker. I see from the schematic that there is a CMOS switch that connects the audio in & out that is on the mic connector (signals used for packet connection to radio). Do I need to open the jumper at spot 17 to allow the cross band audio to go through this path, and not the mic - speaker?

73  
Randy  
WA2AGE

-----  
Date: 26 Aug 94 14:30:19 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Dual Band 2m/70cm radios  
To: ham-equip@ucsd.edu

Hi.  
Looking for a dual band 2m/70cm radio.  
Will appreciate your comments on what/where to buy.  
Thanks.  
>> Ali

-----  
Date: Thu, 25 Aug 1994 09:02:22 GMT  
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!pipex!lyra.csx.cam.ac.uk!warwick!uknet!dcs.gla.ac.uk!udcf.gla.ac.uk!peterm@network.ucsd.edu  
Subject: FT5200 and 9600 Baud  
To: ham-equip@ucsd.edu

Hi. I have a 18 month old FT5200 and would like to use it for 9600 Baud packet on 70cm - has anyone any experiences and suggestions?  
Please reply by e-mail and I will post summary.

Peter GM6SHB p.miller@elec.gla.ac.uk

-----  
Date: Fri, 26 Aug 1994 14:45:47 GMT  
From: dog.ee.lbl.gov!agate!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!math.ohio-state.edu!cis.ohio-state.edu!news.sei.cmu.edu!bb3.andrew.cmu.edu!casaba.srv.@ihnp4.ucsd.edu  
Subject: HTX-202 Low Batt Voltage Cut-out?

To: ham-equip@ucsd.edu

klaudon@pica.army.mil said:

>When the battery gets low (typically during a session of full-power  
>transmitting), the BATT indication comes on the display. This is  
>normal. However, if transmit operation is attempted, the rig will  
>turn itself off within a second or two.

Mine will show the low batt indicator only if left on receive for a long time.  
I dont look at it during transmit. It will not show on rx if the battery is  
low enough to not transmit well. It transmits a buzz if you try to transmit when  
the battery is weak, but the low batt will not show on rx at that battery  
level. If 'batt' is showing in rx mode, and I tx, the display will just go blank  
and the radio shuts off.

I think that there is an internal adjustment for the batt indicator. I havent  
tweaked mine since I usually run either mobile or headset with it and dont  
look at the display.

My \$.02

Ed N3SD0

-----  
Date: Thu, 25 Aug 94 18:45:52 -0500  
From: news.delphi.com!usenet@uunet.uu.net  
Subject: ic-w2a  
To: ham-equip@ucsd.edu

Just picked a used icom w2a dual band ht. Really pleased with it. Would  
appreciate any comments on the rig, what kind of accessories you would buy,  
what kinds of mods are available.  
73, Joe Keenan  
kb2rcn/aa

-----  
Date: 26 Aug 94 14:07:06 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!  
vixen.cso.uiuc.edu!newsfeed.ksu.ksu.edu!moe.ksu.ksu.edu!cis.ksu.edu!  
mac@network.ucsd.edu  
Subject: JOSLYN SURGE ARRESTER ADDRESS  
To: ham-equip@ucsd.edu

EDWOODS@pactime1.sdcrc.pacbell.COM writes:

>The complete name of the company is:

>        Joslyn Electronic Systems Corporation

.....

>The catalog I have lists a 3 wire, 120,240 volt, 120 volts each line to  
>neutral model 1250-33.

>specs:        .....

>We have used these things in our outdoor electronics for years....

Many years ago, when I first started using X10-type modules and lost a couple after one of our (numerous) Kansas summer thunderstorms, I mounted a Joslyn surge arrester in my main distribution box; I haven't had any X10 loses since.

When I wired my new detached garage/shop building last fall, I installed a second arrester in that building's distribution box (which has it's own ground rod). I have at least 10 X10-type units in the garage, and I haven't lost one yet (but that's less than a year's use).

--Myron.

--

# Five boxes preserve our freedoms: soap, ballot, jury, witness, and cartridge.  
# Myron A. Calhoun, PhD EE; Assoc. Prof.        (913) 532-6350 work, 532-7353 fax  
# Amateur packet radio: W0PBV@NOARY.#NOCAL.CA.USA.NOAM        539-4448 home  
# NRA Life Member and Certified Instructor (Home Firearm Safety, Rifle, Pistol)

-----

Date: 25 Aug 1994 16:09:11 GMT

From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!nctucca.edu.tw!

news.cc.nctu.edu.tw!news.csie.nctu.edu.tw!cchsieh@network.ucsd.edu

Subject: Kenwood TH-79 ...

To: ham-equip@ucsd.edu

Does Kenwood TH-79 has the feature of cross-band repeater ???

If it does, how can I activate it ???

--

Chia-chou Hsieh (cchsieh@csie.nctu.edu.tw)  
Department of Computer Science & Information Engineering  
National Chiao-Tung University  
Taiwan, Republic of China

-----

Date: 25 Aug 1994 09:52:11 GMT  
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!  
math.ohio-state.edu!jussieu.fr!cea.fr!usenet@network.ucsd.edu  
Subject: Kenwood TM 702 mods please  
To: ham-equip@ucsd.edu

Does someone have mods for the bi-band VHF/UHF radio  
KENWOOD TM-702 please ?

I've take a look on oak.oakland.edu but ... nothing !!

If you have, please E-Mail me.

73+51 from F6KBS

Jean-Christophe MONIER  
Ingenieur Reseaux / Networks Engineer  
Athesa - C.E.A. Defense - France  
E-Mail : jcmonier@muguet.saclay.cea.fr  
Phone : (33/1) 69.08.56.41

-----  
Date: Fri, 26 Aug 1994 02:42:13 GMT  
From: xinet!pretzel@uunet.uu.net  
Subject: Radio Direction Finder wanted for 2-meter  
To: ham-equip@ucsd.edu

I am looking for a mobile (12v) antenna system to locate signals from the road.

The use for this system will be to find downed hang-glider pilots usually  
transmitting fairly weak signals through varied terrain.

If anyone can recommend a system that is simple to use, and can connect with  
my 2-meter mobile rig, please let me know.

also, I tried to find this info in the FAQ and archive server (though which one  
I don't know exactly). where in the FAQ could I have found this info, or is  
this the right place to ask.

much thanks, and please respond directly by e-mail to my address below, as my  
usenet access is unstable.

Bill Hetzel  
KE6JNJ

e-mail: pretzel@mcimail.com  
voice: 510-632-5670

-----  
Date: 26 Aug 94 14:02:32 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: SURGE SUPPRESSOR  
To: ham-equip@ucsd.edu

I have had a couple of requests for my source of the surge suppressor. I'll post it for everyone.

We went to a local electrical supply house to place the order. Its a GE part. Tranquell Secondary Arrestor, 9L15FCB001.

The supply house just gave us a call when they came in and the rest is history.

73  
Rich - WB5M - RTHORNE@VNET.IBM.COM

-----  
Date: Fri, 26 Aug 1994 13:08:17 GMT  
From: psinntp!arrl.org!zlau@uunet.uu.net  
Subject: Tranverting 2-Meter FM to other bands  
To: ham-equip@ucsd.edu

Glenn Baker WA2IWM (gbaker@bbn.com) wrote:  
: I would like to know if there is any interest in FM transverters which  
: would allow the use of 2-Meter rigs on other HF/VHF/UHF bands. This  
: thought came to me the other day when looking at the prices of rigs  
: and wishing that I could use my 2-meter HT on the other bands.

I actually built such a device to go from 146.000 to 446.000. I have no intentions of publishing it, however, as it is quite difficult to get enough transmit filtering, even with spectrum analyzer to tweak it up properly. Ended up using a tight bandpass filter and notch filter. It would be even tougher to get the box to cover the whole repeater band. It has a pretty decent dynamic range, since I used a high level (meets a popular criteria of the input intercept number exceeding the NF, dBm vs dB at 290 Kelvin).

Dual conversion would help, except that this raises the cost even more.

--  
Zack Lau KH6CP/1                      2 way QRP WAS

8 States on 10 GHz  
Internet: zlau@arrl.org 10 grids on 2304 MHz

-----  
Date: Thu, 25 Aug 1994 16:41:33 GMT  
From: news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!  
travelers.mail.cornell.edu!news.kei.com!yeshua.marcam.com!zip.eecs.umich.edu!  
newsxfer.itd.umich.edu!news1.oakland.edu!@ihnp4.ucsd.edu  
Subject: Uniden BC200XLT vs Radio Shack PRO-52  
To: ham-equip@ucsd.edu

If anyone out there has knowledge of obth of these units could you give me your opinions on which is a 'better' scanner. I was originally looking for the best scanner for picking up action at NASCAR and INDY CAR racing events, but I also want the most bang for my buck. The Radio Shack folks taught the 'undocumented' features of the PRO-52 (which they say they are not allowed to discuss, but they might...) which through programming can give you access to cellular frequencies (not a big point with me, but interesting). On the other hand I've seen a lot of the BC200XLTs at the races.

Any comparison information or opinions would be welcome.

Thanks in advance....

Michael Small  
(317)451-0329

-----  
Date: Thu, 25 Aug 1994 03:15:05 GMT  
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!agate!  
usenet.ins.cwru.edu!ncoast!fmsysm.telemax.com!fmsys!macy@network.ucsd.edu  
Subject: Wanted: Amateur VHF/UHF radio  
To: ham-equip@ucsd.edu

Looking for a dual band radio for my second vehicle. Tired of juggling an HT and mag mount antenna.

My preferences (in no particular order):

Yaesu FT-5200  
Yaesu FT-5100  
Yaesu FT-4700RH  
ICOM 3230H  
ICOM 2410H  
ICOM 901 (maybe, send details)

Standard C5718DA  
Standard C5608DA  
Other models considered.

Prefer unit with CTCSS tx/rx installed.

Willing to pay reasonable price, depending on model and condition.  
Example: FT5100 w/CTCSS board will pay \$475 in good condition.

Also need a Comet B-20NMO or Diamond NR73BNMO antenna.

I'd prefer you email offers, with detailed description and  
your asking price. I've got cash and am ready to buy...

--

Macy M. Hallock, Jr. N80BG +1.216.723.3030 macy@telemax.com macy@fms.com  
Telemax, Inc. - F M Systems, Inc. 152 Highland Drive Medina, OH 44256 USA

-----  
Date: Thu, 25 Aug 1994 10:31:55 -0700  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!swrinde!elroy.jpl.nasa.gov!  
netline-fddi.jpl.nasa.gov!nntp-server.caltech.edu!mustang.mst6.lanl.gov!  
newshost.lanl.gov!sparky.lanl.gov!user@network.  
Subject: Wanted to Swap  
To: ham-equip@ucsd.edu

Anyone interested in swapping a Yaesu 411 (2m) [antenna/body/cover] for  
my Yaesu 911 (23cm) [antenna/body/cover] please E-Mail me at  
klindsay@lanl.gov.  
The 911 is in perfect condition as must be the 411. Thanks.

-----  
Date: Thu, 25 Aug 1994 09:14:38 GMT  
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!  
math.ohio-state.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!csusac!csus.edu!  
netcom.com!kkitty@network.ucsd.edu  
Subject: Yaesu FT-530 vs Icom W21AT - opinions  
To: ham-equip@ucsd.edu

--

- Kamikaze Kitty kkitty@netcom.com -  
- Los Angeles, CA -  
(Geek Code 2.0) GAT d+ h++ s: g+ p1+ au a21 w++ v+ c++ S+ P+ L 3 N++ K  
W+ M+ V- -po+ Y+ t+@ 5++ j r+ G---- u++ b++ D++ b--- e+  
u+++ h f+\* r++ n- y+

-----



Date: 24 Aug 94 22:01:11 GMT  
From: lhdsy1!nntpserver.chevron.com!chevron.com!cgwh@uunet.uu.net  
To: ham-equip@ucsd.edu

References <CurArK.H5I@ucdavis.edu>, <33731c\$nj9@server.btg.com>,  
<Cuy7LJ.GKA@ucdavis.edu>on.ans  
Subject : What's a DVS-3 good for? (Was: Yaesu dualband mobile..)

In article <Cuy7LJ.GKA@ucdavis.edu> dhnishik@wheel.ucdavis.edu (David Nishikawa) writes:

>Rusty Haddock (rusty@aurora.btg.com) wrote:

>: Also, I don't believe that the DVS-3(?) (Digital Voice Synthesizer)

>: will work on the 5100. PLEASE!!! correct me if I'm wrong on this!

>: 5100 owner

>Don't know if it will work either and my manuals not handy. In any case I  
>bought the 5200 before the 5100 and installed the DVS-3 on the 5200. It  
>proved to be such a worthless piece of equipment (for my purposes), that  
>I never considered being able to put one in the 5100.

What are these voice recorders good for? Playback of your callsign? An  
"answering machine" for my rig? I'm sorry you had to buy one to determine it  
was worthless.

Is there anyone out there who has one that finds it a useful feature?

I was also wondering about DTMF selective calling. Every manufacturer offers  
it in some fashion on some of their rigs but there is no standard. What good  
is this one? I wasn't smart enough to keep from buying this one.

de a 5200 owner.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA  
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

-----

End of Ham-Equip Digest V94 #305

\*\*\*\*\*